LCD4Video

10.2” LCD Monitor User Manual

www.lcd4video.com

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Thank you for purchasing our 10.2” LCD Monitor Kit.

This 10.2" LCD Monitor is designed to be used as an external video display, allowing the operator to step back from the camera while still being able to frame and capture the action without having to look through the usually small or non-existent cameras built-in viewfinder.

These monitors are compact enough for camera top mounting or attaching to a tripod, crane, jib or arm - and large enough to be seen on a desktop or rack mount from a distance. It's light weight, low power consumption and low cost make it ideal for any DV and HD video camera. The monitors have image orientation controls where the picture can be flipped for DOF (depth-of-field) adapters.

To insure best use of this unit, please read this user’s manual carefully.

Important Safety Instructions

For your own safety and that of your equipment, always take the following precautions.

Use only the power adapter that came with your LCD. Adapters for other equipment may look similar, but may damage your display.

Disconnect the power (by pulling the plug, not the cord) if any of the following conditions exists:

- the power cord or plug becomes frayed or otherwise damaged
- you spill something into the case
- your display is exposed to rain or any other excess moisture
- your display has been dropped or the case has been otherwise damaged
- you suspect that your display needs service or repair

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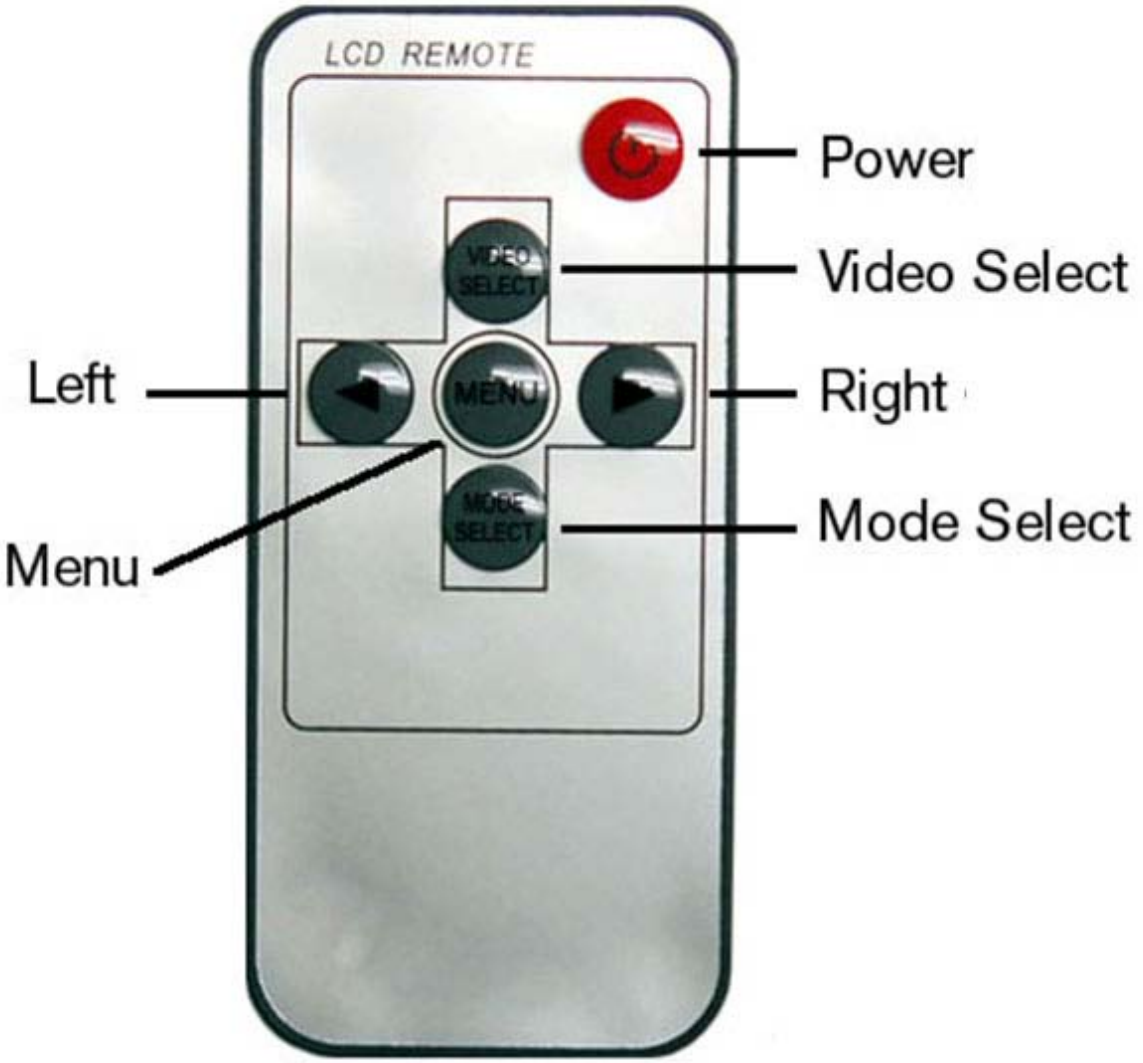
10.2” LCD Monitor - Front View

1) Menu/Volume Adjustment Down (-)
2) On-Screen Display Menu Button
3) Menu/Volume Adjustment Up (+)
4) Video Input Select v1, v2, VGA
5) Power Button (on/off)
6) VGA Cable Input
7) Monitor AV Cable Input (Power, Audio & Video)

Remote Control



Specifications

Screen Size	10.2” Diagonal 16:9
Display Type	Digital TFT LCD Panel
Active Area	8.6" x 5.0"
Resolution	800 x 480 | Supports up to 1024 x 768 (Computer)
Video System	NTSC & PAL Standards Compatible (Auto detect)
Aspect Ratio	Widescreen 16:9
Viewing Angle	(70° horizontal x 60° vertical)
Power Supply	12v DC
Video Input	Dual Channel RCA & BNC Video Inputs
Audio	Built-in Speaker with RCA Audio Input
Mount Type	Bottom & Rear Mount Bracket
Image Flip Function	Vertical, Horizontal (Mirror) & Vertical/Horizontal Flip
Backlight	Single LED
Brightness	250-300cd/mSQ
Weight	1.45 lb
Dimensions	9.625" (W) x 6.5" (H) x .875" (D)

Standard Accessories

10.2" LCD Monitor
10.2" LCD Monitor with VGA, RCA & BNC Inputs

AV Cable
Allows you to connect two video sources (RCA/BNC), audio (RCA) and power source.

AC Adapter
12 volt AC adapter allows you to power the monitor from any outlet.

Desktop/Wall Stand
Allows you to mount the monitor on a table or wall.

VGA Cable with Power Connection
Connect your monitor to a computer or other VGA video source.

Remote Control
Wirelessly controls the monitor's functions.

Optional Accessories

Cigarette DC Adapter
12 volt DC adapter that will allow you to power the monitor through a Cigarette Lighter Plug.

4-Pin XLR Adapter
This XLR Adapter will allow you to power the monitor from a 4-pin XLR receptacle such as an external 4-pin 12 volt battery pack or battery belt.

Shoe Mount
Allows you to mount the monitor on the shoe on top of your camera.

Sunhood
Provides shade in direct sunlight for enhanced viewing. Attaches to the monitor with included Velcro straps and strips.

Optional Batteries & Adapters

Sony, Canon, or Panasonic Battery Adapter
This adapter plate allows you to use a camera battery to power your monitor.
Separate adapters available for Sony, Canon & Panasonic Batteries.
*Battery not included.

AA Battery Adapter
This adapter allows you to use 10 AA Batteries to power your monitor.
*Batteries not included.

Lithium-Ion Rechargeable Battery Kit
This is a 12 volt Li-ion Battery that will power your monitor.
Includes Battery, AC Charger and Case. (Run time tested at up to 6 hrs.)

Compatible Batteries*

The **Sony Battery Adapter** is compatible with a **Sony NP-F570 / NP-F970 L Series Camcorder Battery**
(Run time tested at up to 6+ hrs.)

The **Canon Battery Adapter** is compatible with a **Canon BP-930 Extended Lithium-Ion Battery**
(Run time tested at up to 6+ hrs.)

The **Panasonic Battery Adapter** is compatible with a **Panasonic CGR-D54 Lithium-Ion Battery**
(Run time tested at up to 6+ hrs.)

The **AA Battery Adapter** works with **Ten (10) Standard or Rechargeable AA Batteries**.
(Run time tested at up to 1.5 hrs. - Rechargeable Lithium AA Batteries will run longer)

*Run time may vary depending on amps and specific battery used.

LCD Monitor Setup – AV Cable to LCD Monitor

➢ Connect the AV Cable to the LCD Monitor

- Black Plug - 12v Power Input
- Yellow RCA – Video Input 1
- Yellow BNC – Video Input 2
- White/Red RCA – Audio Input
- Thin Black - Connect to LCD Monitor

LCD Monitor Setup – AV Cable to Camera

- Connect the yellow RCA or BNC end on the AV Cable to your cameras video out or other source.

Example of the BNC Video out on a Canon XL2 and a Sony PMW-EX3 Video Camera.

This LCD Monitor is compatible with any Canon, Sony, Panasonic and JVC Cameras including HD models as well as Digital Cameras and any other video source. Video source must have an RCA or BNC video out to output the video to the LCD monitor. Some cameras may require an adapter such as a 'Male to Male RCA Adapter' or an 'S-Video to RCA Adapter'.

Example of the Video adapter that comes with many professional video cameras. (Mini Plug to RCA/S-Video)

Note: Canon XL2 Users:

The AV jack panel next to the battery well on the right side of the XL2, you'll find an S-video jack, a BNC video jack and a yellow RCA composite video jack. There's a small switch just to the left of the BNC jack which toggles the video signal between the BNC and RCA video jacks. If you're plugged into one of these two jacks and you're not getting a signal, it's probably because this switch isn't positioned correctly. It's very tiny and kind of easy to miss! See photo above.

LCD Monitor Setup – LCD Monitor to Power

- Connect the AC Adapter to the small black end of the AV Cable.
- Plug the AC Adapter into a power outlet.

AV Cable

AC Adapter

Mounting the LCD with Optional Shoe Mount

- Screw the shoe mount to the bottom of the LCD Monitor, then tighten the round nut to secure the mount to the bottom of the LCD.

- Slide the shoe mount with the LCD monitor attached onto the cameras hot shoe slot, and then tighten the round nut on the bottom of the shoe mount to secure the monitor to the LCD. You can adjust the wing nut to swivel the angle of the LCD on the camera.

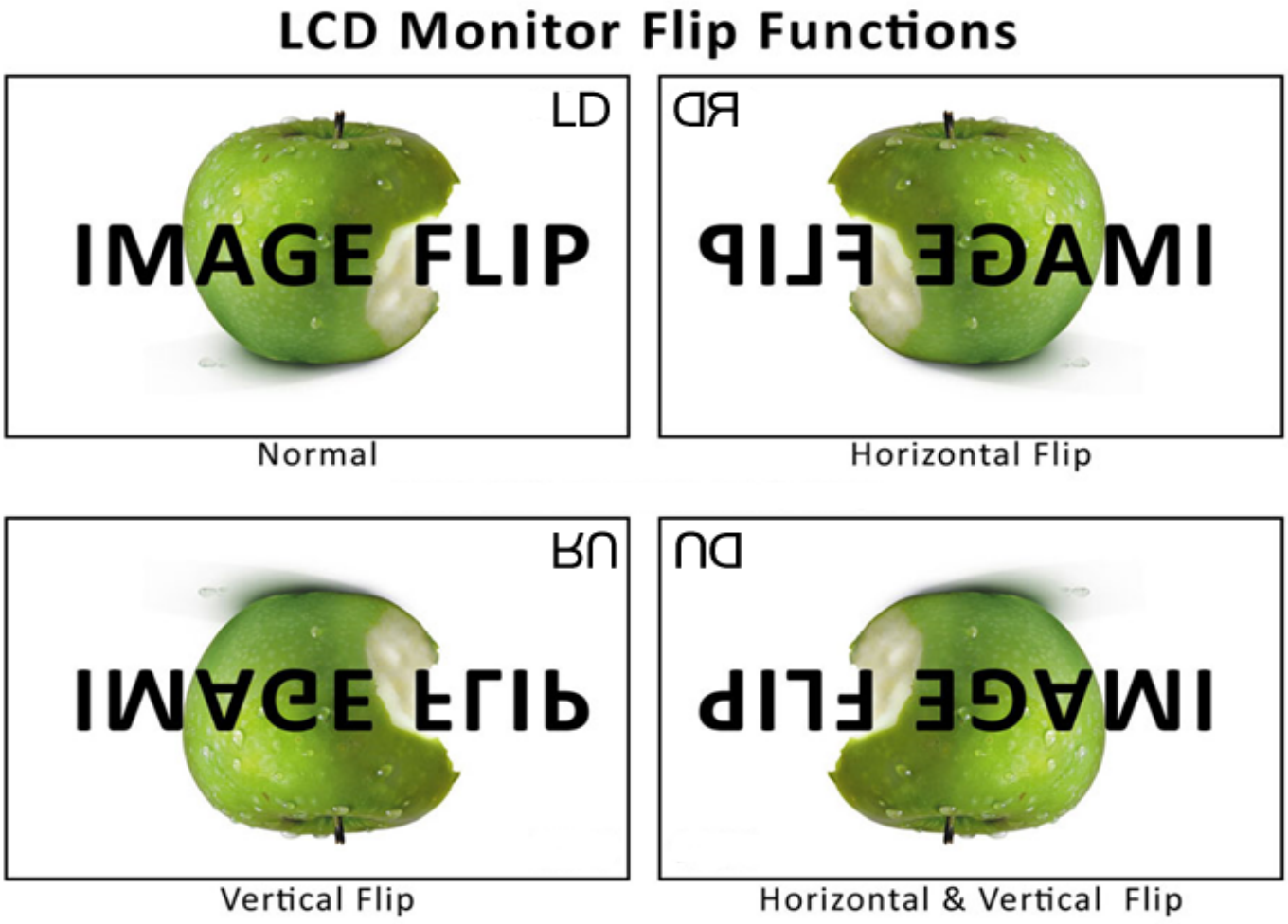
LCD Monitors On-Screen Display Settings

- Access the adjustment functions by pressing the M (Menu) button on the front of the LCD Monitor or pressing the 'Menu' button on the remote.
- Press the button again to cycle through the various adjustments:
- Brightness > Contrast > Flip LD RD RU LU > Volume > H Position > V Position > Auto Config > Reset

LCD Monitors Image Flip Functions

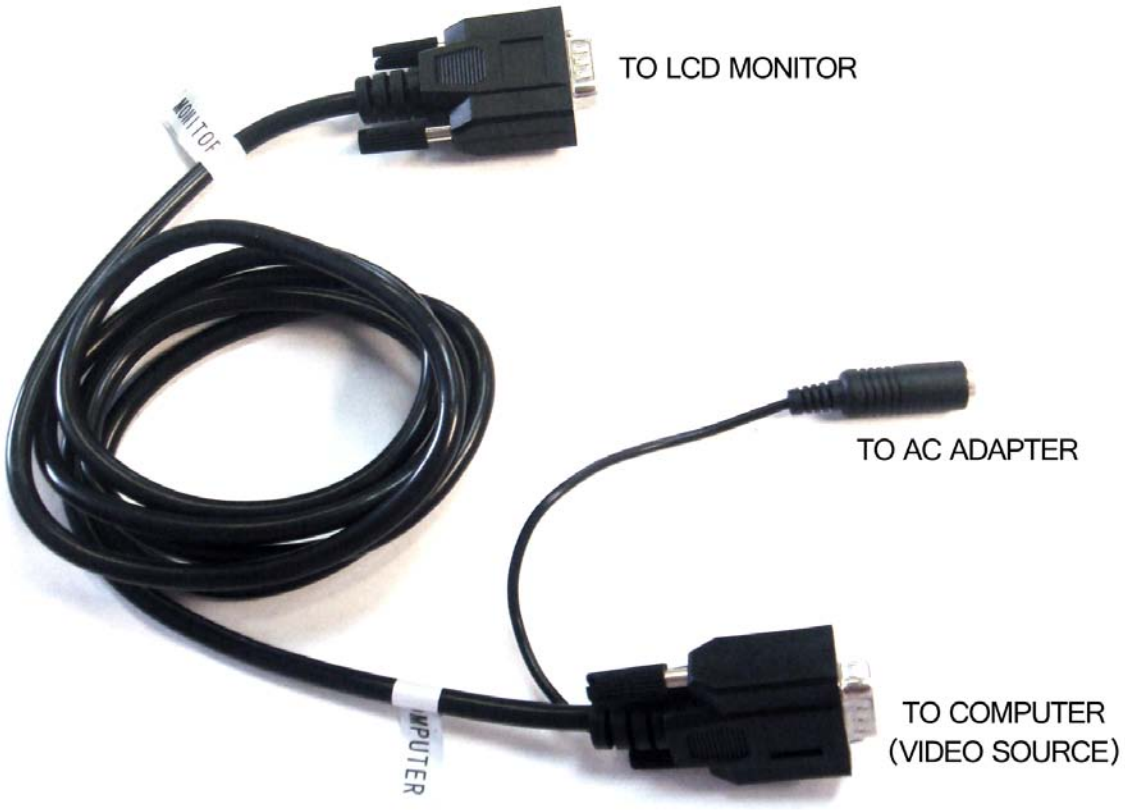
This monitor has image orientation controls where the picture can be flipped horizontally and vertically for DOF (depth-of-field) adapters.

- To flip the image, press the 'Menu' button on the remote, Repeat until you get to 'TCON' LD RD RU LU.
- Press Up or Down, (Left or Right on remote) to cycle through the various modes.

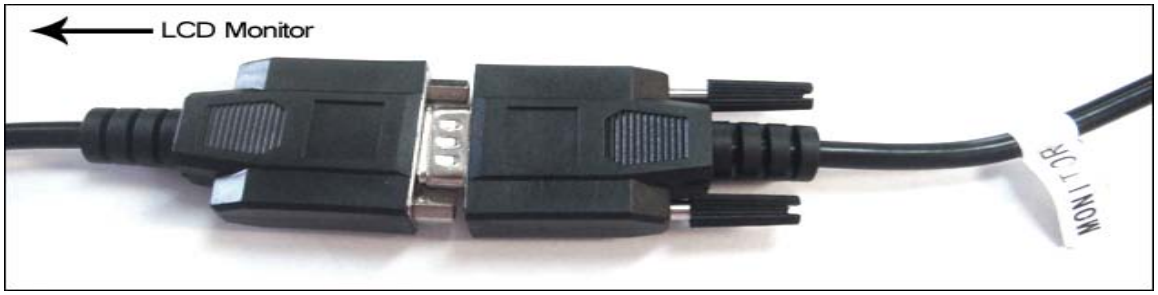


VGA Cable

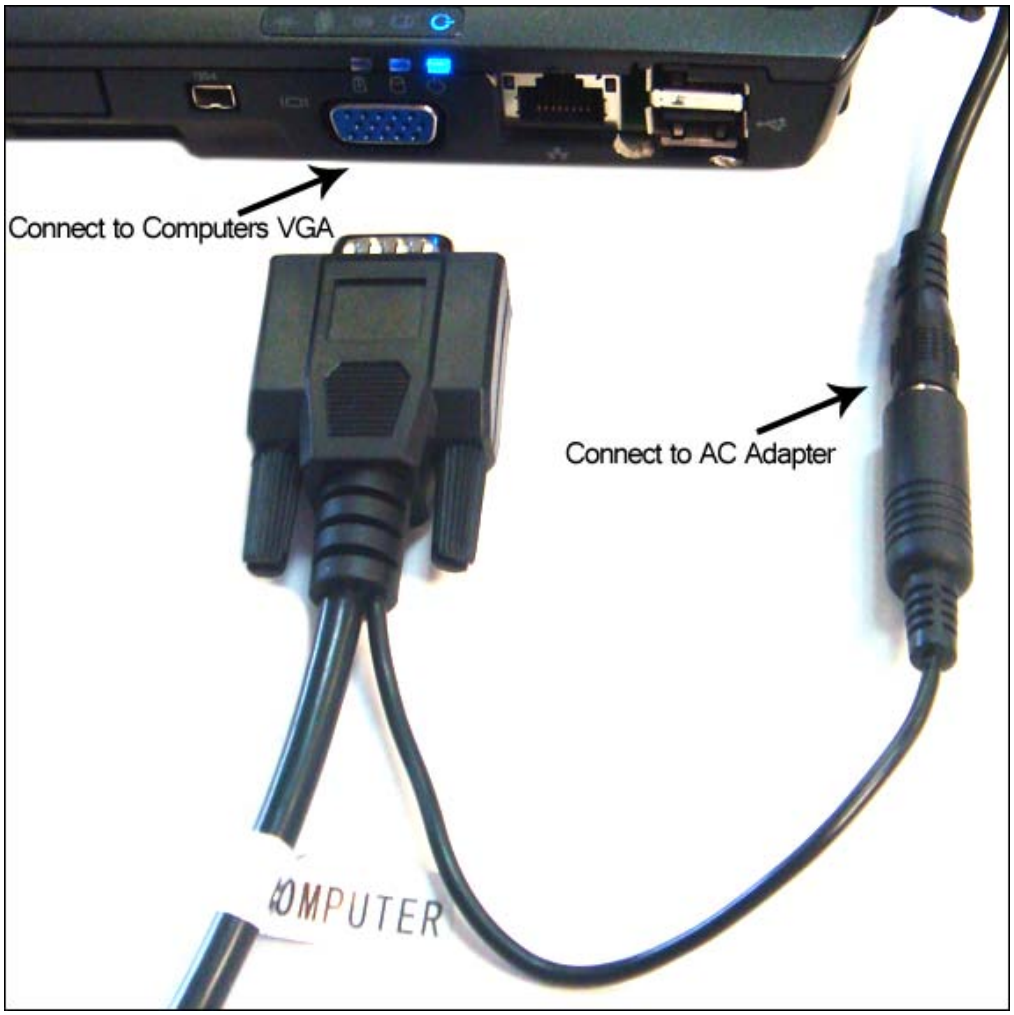
The special VGA Cable that is included also has a power connection which allows you to use the single VGA cable for both power and video without using the AV Cable.



VGA Cable Connections



- Make sure to connect the end labeled 'MONITOR' to the LCD Monitor.



- Connect the other end to the VGA plug on your computer.
- Plug the AC Adapter into the small black plug on the 'COMPUTER' end of the VGA Cable.

Warranty

This LCD Monitor is covered with a Full 90-Day Warranty.

If you find your product to be defective within 90 days, you may exchange it for a new one. Damage caused during installation is not considered as a product defect and will not be covered by the warranty.

LCD4Video Contact & Support

It is our ultimate goal to provide all of our customers with the best customer service and support. We want to make sure that all of our customers are 100% satisfied. Please first take a look at our **Frequently Asked Questions** page on our website to see if you can find answers to your questions. For direct assistance, please feel free to contact us at:

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